



**Network
Control
Center**

**STDN DAILY REPORT
FOR GMT DAYS
17,18,19, 20 AND 21 JAN 2002**

Part I. Operations

17 JAN.

A. SN Anomalies:

1. WSGT/TERRA Support

17/1635-1701Z

POCC reported negative command capability. Investigation revealed spacecraft receiver was not locked to WSGT forward. TTR # 24188

TDW SSA2F 25 Min. Command Svc/Data Loss

2. WSGT/FUSE Support

17/1925-1945Z

Negative acquisition reason unknown. POCC reported a possible "null" problem could have cause this negative acquisition. TTR # 24190

171 SSA1F/R 20 Min. Svc/Data Loss (Recov)

B. ISS Anomalies:

1. WSGT/ISS Support

17/1827-1831Z

POCC reported return service dropouts. Post Pass investigation revealed that the software routine was disabled for SGLT-5 KSA1. Reason unknown. TTR # 24189 DR # 43964

171 SSA1F/R 1808-1837Z 04 Min. Svc/Data Loss (Non-Recov)

C. GN Anomalies:

1. WGS/EO-1 Support

17/0239-0240Z

At AOS 11 Meter antenna switched to auto-track and drove off main beam. CDS ID # 30201

2. AGS/FAST Support

17/1338-1344Z

TOTS antenna was rotating in CCW direction and continued to travel past the expected track into CCW limits. CDS ID # 30195

TOTS-1 3 Min. 18 Sec. Svc/Data Loss (Non-Recov)

3. AGS/AMPEX Support

17/1701-1707Z

Automated Program had to be terminated to regain manual control of the antenna. CDS ID # 30202

TOTS-1 1701-1710Z 5 Min. Svc/Data Loss (Recov)

4. SGS/QUIKSCAT Support

17/1845-1858Z

Master computer failed to transfer schedule to SCC.
CDS ID # 30197

11 Meter antenna 3 Min. 13 Sec. Svc/Data Loss (Non-Recov)

18 JAN.

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/EO-1 Support

18/0510-0515Z

Station operator error no uplink to spacecraft, due to engineer working on the antenna pedestal left switch in local mode.
CDS ID # 30207

11 Meter Antenna 5 Min. Svc/Data Loss

2. AGS/FAST Support

18/1134-1204Z

LEO-T Antenna failed to set up properly and antenna never moved throughout the pass. Investigation revealed no commands were sent to the Antenna Control unit to set up pointing angles for this event.

3. SGS/LANDSAT-7 Support

18/1333-1336Z

During ephemeris upload to the spacecraft , noticed unstable lock on demod and high rate of CRC errors. CDS ID # 30208

11 Meter Antenna 1 Min. 30 Sec. Svc/Data Loss

4. WGS/FAST Support

18/1949-2004Z

Project unable to get command into the spacecraft, but before the station could do a command reset the pass ended.
CDS ID # 30204

LEO-T 15 Min. Svc/Data Loss

5. WGS/TRACE Support

18/2214-2226Z

Unknown intermittent return service data dropouts during entire support period. CDS ID # 30210

TOTS-3 Data Loss is unknown due to intermittent dropouts.

19 JAN.

A.SN Anomalies - None.

B. ISS Anomalies - None.

C.GN Anomalies:

1. WGS/FAST Support

19/0509-0529Z

Project unable to send commands reason unknown.
CDS ID # 30205

LEO-T 22 Min. Command Service Loss

2. WGS/FAST Support

19/0719-0740Z

Station equipment had to reboot the LEO-T antenna several times because the system kept hanging up in the middle of the reboot. CDS ID # 30206

LEO-T 21 Min. Svc/Data Loss

3. AGS/EO-1 Support

19/0546-0553Z

Master computer failed to transfer ephemeris to the SCC computer. CDS ID # 30209

11 Meter Antenna 0553-0606Z 2 Min. Svc/Data Loss

20 JAN.

A.SN Anomalies - None.

B.ISS Anomalies - None.

C. GN Anomalies:

1. SGS/QUIKSCAT Support

20/0041-0057Z

T1 line failure 20/0020Z due to a break between Denmark and Germany. Data was played back when the T1 line came back up. CDS ID # 30212

11 Meter Antenna No data loss declared

2. AGS/TRACE Support

20/0442-0453Z

Station reported during initialization of LEO-T for a TRACE event, the CPU and FEP encoder card hung. This anomaly cause loss of commanding to spacecraft. CDS ID # 30216

LEO-T 11 Min. Command Svc Loss

3. AGS/FAST Support

20/0651-0721Z

Station reported no downlink from spacecraft for LEO-T or TOTS-1 antenna. After investigation POCC found no schedule was uplink to the spacecraft. CDS ID # 30211

TOTS-1 No data loss declared by POCC

4. SGS/LANDSAT-7 Support

20/1320-1321Z

Station reported Sync and CRC errors on I and Q channels reason unknown. CDS ID # 30213

11 Meter Antenna 1318-1333Z no data loss declared

5. WGS/SNOE Support

20/1606-1610Z

At AOS bit sync did not lock. After a power cycle and a couple attempts at resetting the unit locked. CDS ID # 30214

LEO-T 1606-1616Z 3 Min. 10 Sec. Svc/Data Loss
(Recov unknown)

21 JAN.

A.SN Anomalies:

1. STGT/ERBS Support

21/1917-1933Z

POCC reported I- channel sync losses reason unknown.
Station delog showed no dropouts throughout support.
TTR # 24191 DR # 43979

TDS SSA1F/R 1916-1941Z No data loss declared

B.ISS Anomalies:

C.GN Anomalies:

1. AGS/ENVISAT-1 Support

21/0802-0810Z

ENVISAT-1 support deleted by the TM due to a schedule conflict.
WPS and WSGT both issued schedule for same TOTS-1
antenna support. ENVISAT-1 was a test support. CDS ID #
30217

TOTS-1 0730-0930Z 8 Min. Svc Loss

D. **Longballon POCC** Terminated it's Mission Support on the
21 Day of January 2002 at 0803Z.

Part II. NCCDS Anomalies (OE Report) - None.

Part III. Scheduled Activities - None.

Part IV Forecast Changes - None.